

IN THE CLAIMS

1. (Previously Presented) A method of establishing an Internet Protocol (IP) quality of service session between a correspondent node and a mobile node, the mobile node having a home address in a home network and being temporarily connectable in a foreign network having a foreign agent associated with at least one further mobile node, wherein IP packets are directed to the mobile node from the correspondent node via the home network, the quality of service session being maintained in dependence on flow identification information in the IP packets, the method comprising:

determining whether the flow identification information of a quality of service session to be configured matches the flow identification information of an existing quality of service session; and

responsive to a match, allocating temporary flow identification information to the quality of service session to be configured.

2. (Original) The method of claim 1, wherein the temporary flow identification information is allocated between the home network and the foreign network.

3. (Original) The method of claim 1, wherein the steps of determining a match and allocating temporary flow identification information are carried out in the foreign network.

4. (Previously Presented) The method of claim 3, wherein the temporary flow identification information is notified to the home network by the foreign network.

5. (Previously Presented) The method of claim 1, wherein the flow identification information comprises an identification of an application provided at the mobile node,

wherein the step of allocating temporary flow identification information comprises allocating a temporary identification of the application.

6. (Previously Presented) The method of claim 5, wherein the application is identified by a port number.

7. (Previously Presented) The method of claim 1, wherein the quality of service session is Resource Reservation Protocol (RSVP) session.

8. (Previously Presented) The method of claim 1, wherein the temporary flow identification information is submitted in the home network and replaced at the foreign agent.

9. (Previously Presented) A mobile IP environment capable of establishing an IP quality of service session between a correspondent node and a mobile node, the mobile node having a home address in a home network and being temporarily connectable in a foreign network having a foreign agent associated with at least one further mobile node, wherein IP packets are directed to the mobile node from the correspondent node via the home network, the quality of service session being maintained in dependence on flow identification information in the IP packets, the mobile IP environment comprising:

means for determining whether the flow identification information of a quality of service to be configured matches the flow identification information of an existing quality of service session; and

the means being responsive to a match for allocating temporary flow identification information to the quality of service session to be configures.

10. (Previously Presented) The mobile IP environment of claim 9, wherein the means for determining is provided in the foreign network.

11. (Previously Presented) The mobile IP environment of claim 10, wherein the two mobile nodes are each associated with a respective one of at least two means, wherein the means are further adapted to determine whether the flow identification information of a quality of service session between one of the mobile nodes and a correspondent node matches the flow identification information of a quality of service session between one of the other of the mobile nodes and a correspondent node.

12. (Previously Presented) The mobile IP environment of claim 9, where the means for allocating temporary flow identification information is provided in the foreign network.

13. (Previously Presented) The mobile IP environment of claim 9, wherein the home network includes means for substituting the temporary flow identification information to the quality of service session responsive to the means for allocating the temporary flow identification information in the foreign network.

14. (Previously Presented) The mobile IP environment of claim 13, wherein the foreign agent is adapted to remove the substituted flow identification information.